

ABSTRACT

A method of reducing an immune response to a transplant in a recipient by treating said recipient with an amount of mesenchymal stem cells effective to reduce or
5 inhibit host rejection of the transplant. The mesenchymal stem cells can be administered before, at the same time as, or after the transplant. Also disclosed is a method of inducing a reduced immune response against a host by foreign tissue, i.e., graft versus host disease, by treatment with mesenchymal stem cells.